

GOVERNMENT OF ANDHRA PRADESH  
ABSTRACT

Energy Department – Levy of Fee for Inspection of Maps, Plans, Sections and Testing and Inspection for services of Electrical Inspector - Orders – Issued.

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ENERGY (SERVICES) DEPARTMENT.

G.O.Ms.No. 28

Dated: 21<sup>st</sup> July, 2012  
Read the following:-

- 1) G.O.Ms.No.55, Energy and Forests(Pr.II) Dept., Dt. 25.03.1994
- 2) G.O.Ms.No.45, Energy (Pr.II) Department, dt. 04.05.2002
- 3) G.O.Ms.No.8, Energy (Services)Department Dt:13.02.2012
- 4) From the Chief Electrical Inspector to Government Lr.No.  
CEIG /Tech/D.No.1137/2012, Dt:24.02.2012

ORDER:

In the circumstances reported by the Chief Electrical Inspector to Government in the letter fourth read above and in exercise of the powers conferred under sub-rule (1) of Rule 3 of the fee for Inspection of Maps, Plans, Sections and testing and inspection for services of Electrical Inspector Rules, 2012 issued in G.O.Ms.No.8, Energy (Services) Department, dated 13.2.2012 and in supersession of the orders issued in G.O.Ms.No.55, Energy and Forests (PR.II) Department, dated 25.03.1994 and G.O.Ms.No.45, Energy (PR.II) Department, dated 04.05.2002, the Government of Andhra Pradesh hereby direct that Fee shall be levied/paid by the consumer or Licensee or person or owner for inspection of maps, plans, sections and Testing and Inspection fee for services of Electrical Inspector in accordance with the scale specified in the schedule to this Order subject to the following conditions:-

1. Payment of Fee:

- (i) For inspection of Maps, Plans, Sections and Testing and inspection, carried out by the Electrical Inspectorate Department, prescribed fee shall be remitted by the Payee into the Government Treasury in Andhra Pradesh or branches of State Bank of India which operates the Andhra Pradesh Government accounts or the State Bank of Hyderabad and credited to the following Head of Account:

Major Head: 0043 -Taxes and Duties on Electricity.

Minor Head: 102-Fee for Services of Electrical Inspector, Rules, 2012 and C.E.A. Regulations.

Sub-Head (01) -Fee for Services of Electrical Inspector, Rules, 2012 and C.E.A. Regulations.

DDO Code : As per the concerned Officer's DDO code.

- (ii) Penal fee for late payment of fee will be levied under sub-rule 1 of rule 4 of "The Fee for Inspection of Maps, Plans, Sections and Testing and Inspection for services of Electrical Inspector Rules, 2012"

2. All apparatus sent for testing shall be provided with suitable terminals or leads so that they can be readily connected to the testing circuit without soldering. They shall bear the manufacturing name and number for purposes of identification. No apparatus shall be received at the Laboratory, if it does not bear the name of the manufacturer and if the application therefore is not accompanied by a Treasury Receipt referred to above.

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3. Every reasonable care shall be taken for the safety of the apparatus while it is in the Laboratory. The Government of Andhra Pradesh, the Electrical Inspectorate or the Officer-in-charge of the Standards Laboratory will not, however, be responsible for any damage to any apparatus or for any loss sustained in consequence of the test and also of time that may elapse before the apparatus is removed from the Laboratory.
4. Any electrical testing and inspection other than those covered in the schedule to this order shall be undertaken only on specific sanction of the Chief Electrical Inspector to Government after the fees fixed by him for the purpose have been realized.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

DINESH KUMAR  
PRINCIPAL SECRETARY TO GOVERNMENT

To:

The Director of Printing, Stationery & Stores Purchase Department is requested to publish the matter in an extra ordinary issue of the Andhra Pradesh Gazette and supply of 200 copies.

The Chief Electrical Inspector to Government, Andhra Pradesh, Hyderabad.

Copy to:

The Chairman and Managing Director, A.P. Transco, Hyderabad

The Managing Director, A.P. Genco, Hyderabad

The Chairman and Managing Director, APCPDCL, APEPDCL, APSPDCL, APNPDCL

The Accountant General, A.P., Hyderabad

The Pay and Accounts Officer, A.P., Hyderabad

Finance and Planning (Fin. Exp. AHFFCS&E) Department

Law (E) Department.

P.S. to Principal Secretary/P.A. to Special Secretary,

Energy Department.

Copy to all Sections in Energy Department.

// Forwarded by order//

Section Officer

**SCHEDULE**  
**SCALE-A**

**Fee for inspections and testing under Regulation 30 of Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2010.**

S.No	Particulars	Fee Rate
<b>1</b>	<b>Installation of Voltage Exceeding 650 V</b>	
A.	Transformers of capacity (including cables, lines and switchgear)	
	(i)upto and including 160 KVA	` 1000 /- per Unit
	(ii)Above 160 KVA and upto 315 KVA	` 1500 /- per Unit
	(iii)Above 315 KVA and upto 500 KVA	` 2000 /- per Unit
	(iv)Above 500 KVA and upto 1000 KVA	` 2500 /- per Unit
	(v)Above 1 MVA and upto 5 MVA	` 3000/- per unit
	(vi)Above 5 MVA and upto 10 MVA	` 4000/- per unit
	(vii)Above 10MVA and upto 20 MVA	` 5000/- per unit
	(viii)Above 20MVA and upto 50 MVA	` 6000/- per unit
	(ix)Above 50MVA	` 7000/- per unit
B.	HV Equipment like motors, furnace load, heating load etc. including cables, lines and switchgear	
	(i) Upto 1000 KW	` 2000 /-
	(ii) Above 1000 KW	` 2000/- + ` 600/- for every 1000 KW or part thereof in excess of 1000KW
C.	MV and LV Load (including cables, lines and switchgear)	
	(i) Upto 100 KW	` 1000 /-
	(ii) Above 100 KW	` 1000 + ` 200/- for every 100 KW or part thereof in excess of 100KW
D.	<b>Generators (All voltages)</b>	
	(i) Upto 125 KVA	` 500/- per unit
	(ii) Above 125 KVA and upto 500 KVA	` 1000/- per unit
	(iii) Above 500 KVA and upto 1000 KVA	` 1500/- per unit
	(iv) Above 1 MVA and upto 5 MVA	` 2000/- per unit
	(v) Above 5 MVA and upto 15 MVA	` 3000/- per unit
	(vi) Above 15 MVA and upto 40 MVA	` 5000/- per unit
	(vii) Above 40 MVA and upto 80 MVA	` 7000/- per unit
	(viii) Above 80 MVA	` 10000/- per unit
E.	Neon sign and other luminous tube installations	` 500/- per installation
F.	X-Ray and other similar High Frequency Installations	
	(i) X-ray	` 500/- per unit
	(ii) MRI, CT SCAN etc.,	` 1000/- per unit

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<b>2.</b>	<b>Multistoried Buildings</b>	
	(a) Residential Flats upto 2BHK	` 150/- per flat
	(b) Residential Flats 3BHK and Above	` 200/- per flat
	(c) Common / commercial load	` 40/- per KW
<b>3.</b>	<b>Installation Voltage exceeding 250 V and upto 650 V Including cables, lines and switchgear.</b>	
	(i) upto 10 KW	` 1000/-
	(ii)Above 10 KW	` 1000+ ` 25 per KW of Connected Load
<b>4.</b>	<b>Installation Voltage upto 250 V, Including cables, lines and switchgear.</b>	
	(i) upto 5 KW	` 500/-
	(ii)Above 5 KW	` 500/- + ` 15 per KW of Connected Load

**Explanation:-**

- (1) Installation means composite electrical unit utilizing Electrical energy.
- (2) The Installation may consist of EHV, HV, MV and LV electrical equipment.
- (3) The total inspection fee leviable on consumer, supplier, Licensee and owner shall be the sum total of inspection fee for EHV, HV, MV and LV electrical equipment assessed independently to the extent possible as prescribed Above.
- (4) Kilo Volt Ampere shall be taken as Kilo Watt wherever the machine or equipment is so rated and Horse Power shall be taken as 0.75kW for the purpose of computing the fee.
- (5) The Equipments like capacitors, stabilizers, Boosters, Regulators, Reactors etc. Which are meant for system stability / voltage Regulation shall not be taken as load for the purpose of fee calculation.
- (6) Highest voltage or rating (kilowatt/KVA) mentioned on the equipment shall be the criteria for categorization of an equipment.

**SCALE-B**

**Fee for approval of Installation Electrical Drawings pertaining to maps, plans, sections etc.**

S.No	Particulars	Fee Rate
<b>1</b>	<b>Installation of Voltage Exceeding 650 V</b>	
	(A) Fresh Installations	
	(i) Above 132 KV	` 20000/-
	(ii) 132 KV	` 10000/-
	(iii) 33 KV	` 5000/-
	(iv) Voltages Above 650V and upto 11KV of Transformer Capacity	
	(a) Above 160 KVA	` 3000/-
	(b) Upto 160 KVA	` 1000/-

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	(B) Additions / Alterations in the	
	existing installation	
	(i) Above 132 KV	` 10000/-
	(ii) 132 KV	` 5000/-
	(iii) 33 KV	` 3000/-
	(iv) Voltages Above 650V and upto 11KV of Transformer Capacity	
	(a) Above 160 KVA	` 2000/-
	(b) Upto 160 KVA	` 800/-
2	Multistoried Buildings	
	(i) Upto 6 floors.	` 3000/-
	(ii) Above 6 Floors and upto 11 Floors.	` 5000/-
	(iii) Above 11 floors.	` 7000/-
3	Temporary Installations (Section 54 of The Electricity Act 2003).	` 1000/-
4	Neon sign and other luminous tube installations.	` 500/-
5	X-Ray and other similar High Frequency Installations.	` 500/-
6	Independent and Co-generation Plant including DG Sets	
	(i) Upto 125 KVA	` 1000/-
	(ii) Above 125 KVA and upto 1000 KVA	` 1500/-
	(iii) Above 1000 KVA and upto 5 MVA	` 5000/-
	(iv) Above 5 MVA and upto 20 MVA	` 8000/-
	(v) Above 20 MVA and upto 40 MVA	` 10000/-
	(vi) Above 40 MVA and upto 100 MVA	` 15000/-
	(vii) Above 100 MVA	` 20000/-
7	Fresh Transmission / distribution lines and cables	
	(i) Above 650V and upto 11 KV	` 1000/-
	(ii) 33 KV	` 2000/-
	(iii) 132 KV	` 5000/-
	(iv) 220 KV	` 10000/-
	(v) Above 220 KV	` 15000/-
8	Any additions or alterations of the existing lines and installations.	50% of the Fee levied as mentioned in S.No 2 to 7.

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SCALE-C

**Fee for Inspection and Testing of new Installation/additions and alterations of the existing Installation under Regulations 32, 36, 43, 52 and 54 of CEA (Measures relating to Safety and Electric Supply) Regulations, 2010.**

S.No	Particulars	Fee Rate
(1)	Installation voltage exceeding 650V, Neon sign, X-Ray Installation, Independent and Co-generation plant including DG Sets etc.	50% more than the inspection fee levied under Regulation 30 mentioned in Scale A.
(2)	Installations under Regulation 32 and 36 of CEA (Measures relating to Safety and Electric Supply) Regulations, 2010.	

SCALE-D

**Fee for Inspection of temporary installations under section 54 of The Electricity Act 2003.**

S.No	Particulars	Fee Rate
(1)	Inspection under section 54 of The Electricity Act 2003.	` 500/- + ` 20 per KW of connected load and Transformer, Generator etc shall be levied as per SCALE-A

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SCALE- E

**Fee for testing of Instruments, equipments, Institutions and other Electrical Appliances in Laboratory or at the site**

S.No	Description	Fee Rate
1	2	3
I.	1. (a) Ammeter/Voltmeter	` 200/-
	(b) Additional Range	` 50/-
	2. Clamp Meter	
	(a) AC and DC	` 1000/-
	(b) AC or DC	` 500/-
	3. A.C. Single Phase Watt Meter	` 150/-
	4. Poly Phase Watt Meter	` 250/-
	5. A.C. Single Phase Energy Meter	` 500/-
	6. Poly Phase Energy Meter	` 2000/-
	7. Multimeter	
	(a) 3 ½ digit	` 500/-
	(b) Above 3 ½ digit	` 1500/-
	8. Calibration and Testing of reference Standard Energy Meter	
	(a) Single Phase	` 10000/-
	(b) Poly Phase	` 19000/-
	9. Power Factor Meter	` 500/-
	10. Frequency Meter	` 200/-
	11. Trivector Meter	` 3000/-
	(a) Class	
	(i) 0.2	` 8000/-
	(ii) 0.5	` 12000/-
	(b) Import Export Meter (Class 0.2)	
	(i) For each frequency	` 19000/-
	(ii) For additional Frequency	` 10000/-
	12. Insulation Resistance Tester (Megger)	
	(a) 500V	` 500/-
	(b) 1000V	` 750/-
	(c) 2500V	` 1000/-
	(d) 5000V	` 1500/-
	13. (a) Earth Resistance Tester (Earth Megger)	` 500/-
	(b) Additional Range	` 50/-
	14. (a) Fire Extinguishers for 1 <sup>st</sup> four containers.	` 500/-
	(b) Fire Extinguishers for subsequent Container.	` 100/-
	15. (a) Primary injection test on CT's upto 100 Amps.	` 500/-
	(b) Above 100Amps	` 1000/-
	16. Secondary injection test on PT's upto 440 Volts.	` 500/-
	17. (a) Transformers Oil for Dielectric strength (upto 3 samples from same source).	` 600/-
	(b) Transformers Oil for Dielectric strength for Each subsequent sample from same source	` 200/-
	(c) Dissolved Gas analysis Test	` 3000/-
	(d) Transformer Oil test for acidity	` 200/-

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	18. (a) Testing of Rubber Hand Gloves for Electrical Insulation strength upto 15,000 Volts upto 5 pairs.	` 200 per pair
	(b) Testing of Rubber Hand Gloves for Electrical Insulation strength upto 15,000 Volts beyond 5 pairs.	` 100/- per pair
<b>II.</b>	For deciding any case of difference or disputes arising between supplier, owner or consumer etc referred to the Electrical Inspector, the following rates of Fee shall be charged:	
	A. For improper supply/use of energy/Service Line	
	(i) In case of single phase service	` 500/-
	(ii) In case of three phase service	` 800/-
	(iii) In case of H.T. service	` 1200/-
	(iv) For one sitting with discussions	` 4000/-
	Besides this, the amount spent towards the journey performed and stay involved is also payable by the concerned authorities based on the amount of work. (APTA bill amount is payable by the concerned as ordered by C.E.I.G., depending on the merits of the cost).	
	B. For defect in electrical wires; fittings, works and apparatus which are not in good condition, either of Licensee or the consumer likely to effect injurious of the use of energy by Licensee or others.	
	(i) In case of single phase service	` 1000/-
	(ii) In case of three phase service	` 2000/-
	(iii) In case of H.T. service	` 5000/-
<b>III.</b>	For issue of authorization to the private agencies or contractors for testing the Fire-Extinguishers and issue of certificates thereof, Transformers Oil Test Kits , Relay Test Kits and issue of Test Certificates, Testing of Transformer Oil, samples for acidity and issue of certificates, Insulation Resistance values testing & issues of Test Certificates, measurement of earth resistance and issue of Test Certificates for each item independently (periodicity of authorization is limited to 3 years only).	
	(a) Fire Extinguishers	` 2000/-
	(b) Transformer Oil Test kit	` 3000/-
	(c) Relay Test kit etc	` 5000/-
<b>IV.</b>	At consumers premises:	
	(a) Measurement of earth resistance.	` 500/- (per electrode)
	(b) Measurement of Insulation Resistance of equipment (Subject to a minimum of ` 2000/- per day).	` 500/- (per equipment)
	(c) Measurement of voltage readings and current readings:	` 2000/- Per day
	This is in addition to the D.A. & T.A. of the concerned officer in charge of this work. A.P.T.A Bill amount is liable to be paid.	
	<b>NOTE:-</b> (1)Transport chares of equipment and personnel shall be levied extra for tests Conducted outside the Laboratory. (2)For the purpose of tests at the Laboratory attached to the Office of the Chief Electrical Inspector to Government (or) the Laboratory under the Department the transport and handling charges from the site to the Laboratory and back to its destination shall be charged by the person requisitioning such tests In addition T.A. & D.A. of the concerned staff member will also be added.	



SCALE-F

**Fee for inspection under Regulation 63 of CEA (Measures relating to Safety and Electric Supply) Regulations, 2010, to be paid by the applicant.**

S.No	Particulars	Fee Rate
1	For Inspection of site and grant of certificate under regulation 63 of CEA (Measures relating to Safety and Electric Supply) Regulations, 2010.	`5000/-

SCALE-G

**Fee for inspection and testing of Over Head lines and Cables**

S.No	Particulars	Fee Rate
1.	Fee for inspection, testing and examination of OH lines and/or cables	
	(a) Voltage Above 33 KV.	`1000/- per KM or part there of + `200/- per Tower
	(b) Voltage Above 650 V and upto 33 KV.	`300/- per KM or part there of
	(c) Voltage upto 650 V.	`200/- per KM or part there of

SCALE-H

	<b>Subject to minimum and maximum fee for inspection and testing under regulations shall be levied as below.</b>	
SNo	Particulars	Fee Rate
1.	Installations Voltage exceeding 650V and/or Generation plants, Regulation 36 etc.	
(a)	<b>Minimum Fee</b>	
	(i) Above 33 KV	`5000/-
	(ii) Above 11 KV and upto 33 KV	`2500/-
	(iii) Voltage upto 11 KV	`1000/-
(b)	<b>Maximum Fee</b>	
	(i)Voltage upto 11 KV and/or Generation plant Capacity upto 5MVA.	`40000/-
	(ii)Above 11 KV and upto 33 KV and/or Generation plant Capacity above 5 MVA upto 20 MVA.	`60000/-
	(iii)Above 33 KV and upto 132 KV and/or Generation plant Capacity above 20 MVA and upto 60 MVA.	`80000/-
	(iv)Above 132 KV and upto 220 KV and/or Generation plant Capacity above 60 MVA and upto 100 MVA.	`100000/-
	(v) Above 220 KV and/or Generation plant Capacity above 100 MVA.	`150000/-

DINESH KUMAR  
PRINCIPA SECRETARY TO GOVERNMENT

Section Officer